

## RECREATION & TRAILS

State owned and managed nature preserves are open to the public for passive recreation, such as bird watching, hiking, and wildflower viewing. Gunlogson Nature Preserve has approximately 3 miles of developed hiking and cross country ski trails.

## LOCATION

Gunlogson Nature Preserve is located 5 miles west of Cavalier on Highway 5 at Icelandic State Park.



### **Gunlogson Nature Preserve—Icelandic State Park**

13571 Hwy. 5, Cavalier ND 58220,

Ph. (701)-265-4561, [isp@state.nd.us](mailto:isp@state.nd.us)

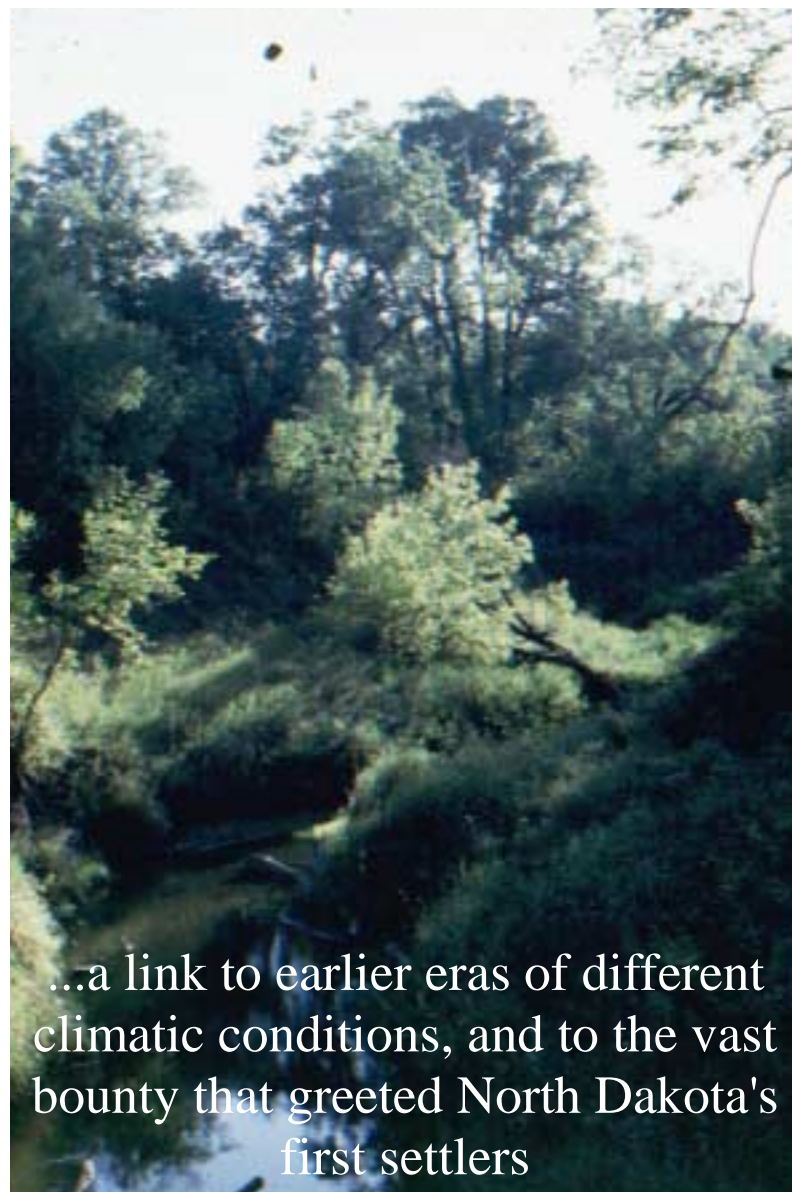
Visit us on the web [www.ndparks.com](http://www.ndparks.com)

For information on state preserves contact North Dakota Parks and Recreation Department, 701-328-5357.

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# GUNLOGSON STATE NATURE PRESERVE

## ICELANDIC STATE PARK



...a link to earlier eras of different climatic conditions, and to the vast bounty that greeted North Dakota's first settlers

## Gunlogson Nature Preserve

Stately bur oak and basswood rise from the shaded forest floor of Gunlogson Nature Preserve, while a tangle of alder shrubs sprout in the spring-fed wetlands. More than a dozen rare species can be spotted in the preserve, ranging from water-meal, one of the world's smallest flowering plants, to bishop's cap, a boreal species limited to a handful of locales in the state. The preserve also contains seldom seen birds such as the pileated woodpecker, an imposing species that excavates its signature rectangular holes in the trees of these forests.



Showy Lady's Slipper

G.B. Gunlogson loved this beautiful spot in the northeastern corner of North Dakota. His family homesteaded here and the area left a lasting impression on him. In 1963 Gunlogson donated 200 acres of his family's land to the state. This area later became one of North Dakota's first dedicated state nature preserves.

Gunlogson understood and spoke of the importance of natural areas:

*"The nature area is the part in which I am most deeply interested. . . The terrain is highly varied and includes forest, brush, marsh, meadow, upland prairie, springs ponds, and the Tongue River. It includes probably a greater variety of native plants, birds, and wildlife than found anywhere else in the state in one place. . . They form a sort of living link between pre-settlement condition of land and the present."*

## SIGNIFICANT NATURAL DIVERSITY FEATURES

Gunlogson Nature Preserve is a link to earlier eras of different climatic conditions, and to the vast bounty that greeted North Dakota's first settlers. It is an island of intact habitat within an extensively modified landscape, and a refuge in its cool, moist conditions. Its significant biological features are the forest and wetland habitats themselves, and the array of rare plants and animals that depend on them.



Canada Anemone

## NATURAL COMMUNITIES

Lowland woodland is the prevailing community type within the preserve. The lowland woodland is predominantly comprised of American elm, basswood and ironwood. Along with a variety of sedges and forbs, beaked hazel is a common understory species of the lowland woodland. Oak woodland communities line the upper margins of the Tongue River valley. The Tongue River winds throughout the nature preserve and is perhaps the lifeline of the entire preserve. This segment of the Tongue is a spring-fed river, which contributes dramatically to the significant botanical and forest resources surrounding it. The wetland thicket basin areas of the preserve house the highest local concentrations of rare species. Both eastern deciduous and boreal aquatic species are present, many at the outer limits of their range.



## STATE RARE ANIMALS

- ☐ Pileated Woodpecker - *Dryocopus pilatus*
- ☐ Western Wood-Pewee - *Contopus sordidulus*
- ☐ Common Loon - *Gavia immer*
- ☐ Mourning Warbler - *Oporornis philadelphia*
- ☐ Northern Waterthrush - *Seiurus noveboracensis*
- ☐ Finescale Dace - *Phoxinus neogaeus*

Pileated Woodpecker



## STATE RARE PLANTS

- ☐ Ladyfern - *Athyrium filix-femina*
- ☐ Water Arum - *Calla palustris*
- ☐ Two-seeded Sedge - *Carex disperma*
- ☐ Graceful Sedge - *Carex gracillima*
- ☐ Delicate Sedge - *Carex leptalea*
- ☐ Small Enchanter's Nightshade - *Circaea alpina*
- ☐ Showy Lady's Slipper - *Cypripedium reginae*
- ☐ Crested Woodfern - *Dryopteris cristata*
- ☐ Spinulose Woodfern - *Dryopteris spinulosa*
- ☐ Shade Horsetail - *Equisetum pratense*
- ☐ Water Avens - *Geum rivale*
- ☐ Bishop's Cap - *Mitella nuda*
- ☐ Sensitive Fern - *Onoclea sensibilis*
- ☐ Marsh Fern - *Thelypteris palustris*
- ☐ Southern Watermeal - *Wolffia columbiana*

Northern Lady Fern

